

## **IN THE CLAIMS**

### **Claims 1-19 (Cancelled)**

**20. (Currently Amended)** A process for detecting the presence of a nucleoside diphosphate in a sample, comprising a step of detecting the dephosphorylation of the phosphoenzyme form of a nucleoside diphosphate kinase (NDPK), wherein the NDPK is an NDPK of *Myxococcus xanthus* having the amino acid sequence of SEQ ID NO: 2, which is modified to carry an ~~extrinsic~~ IDCC label attached to cysteine at position 112 in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

### **Claims 21-26 (Cancelled)**

**Claim 27. (Previously presented)** The process of claim 20, wherein the nucleoside diphosphate is ADP or GDP.

### **Claim 28. (Cancelled)**

**Claim 29. (Previously presented)** The process of claim 20, being a quantitative process.

### **Claims 30-38. (Cancelled)**